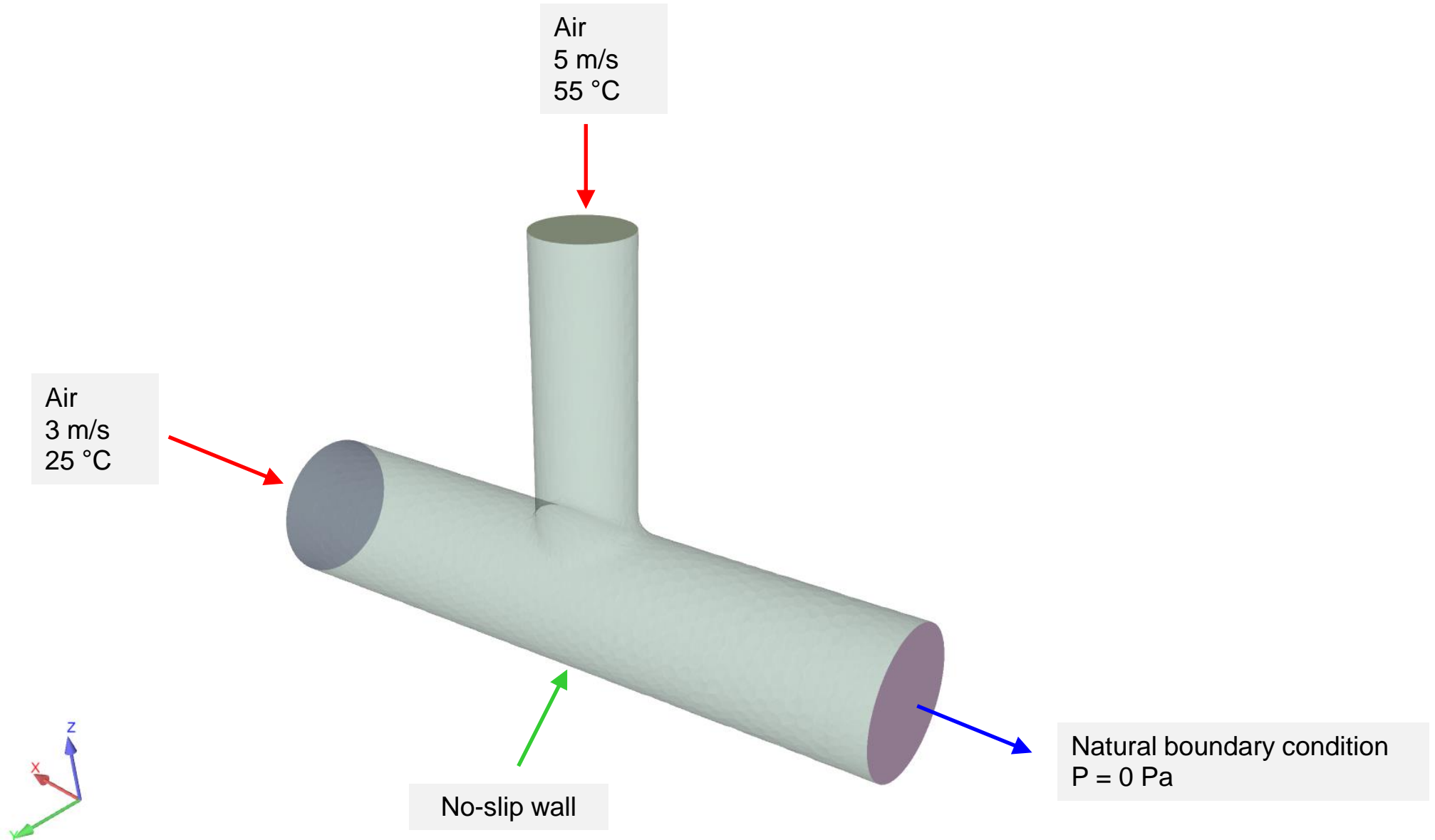


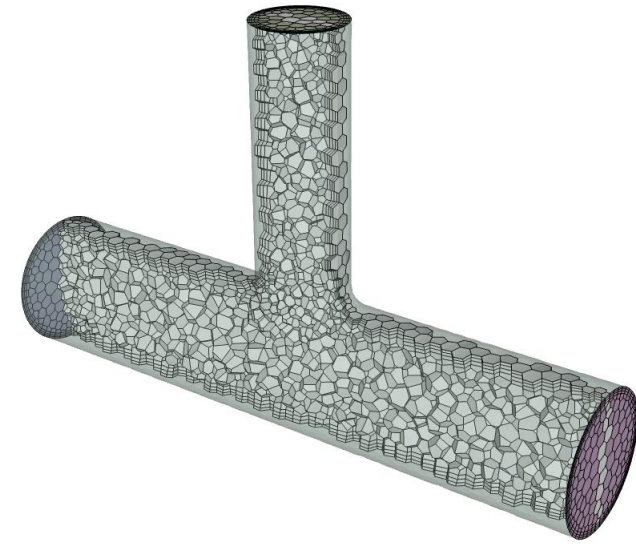
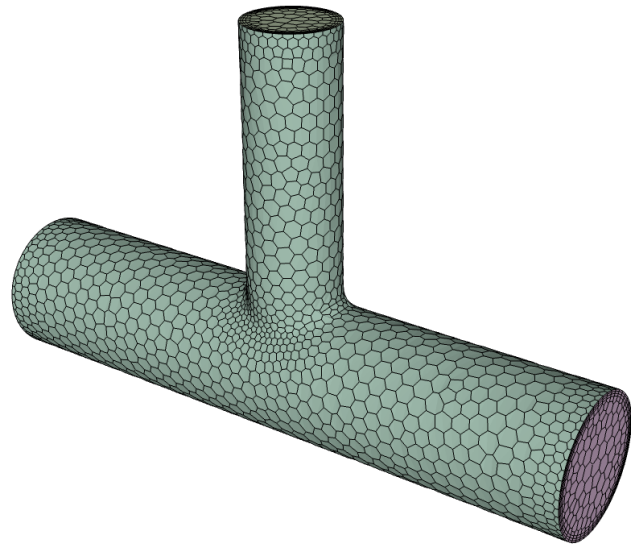
# Problem definition

---

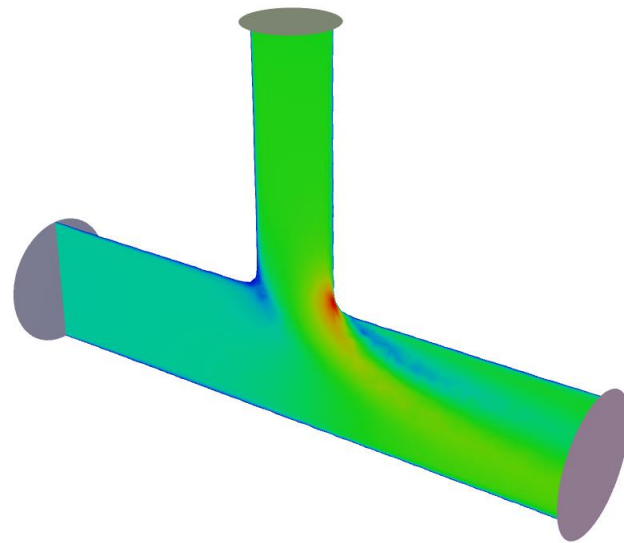


# Computational domain and mesh

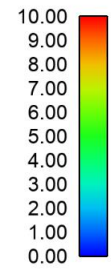
---



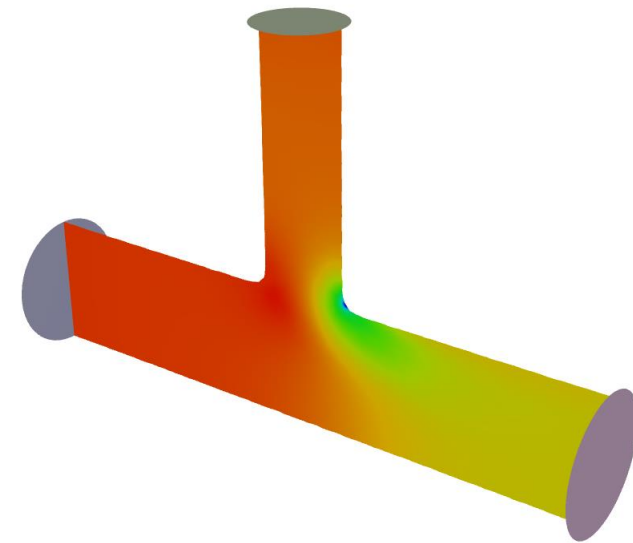
# Qualitative results



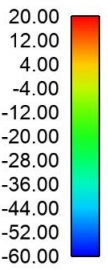
Velocity magnitude (m/s)



Cut-plane with contours of velocity magnitude

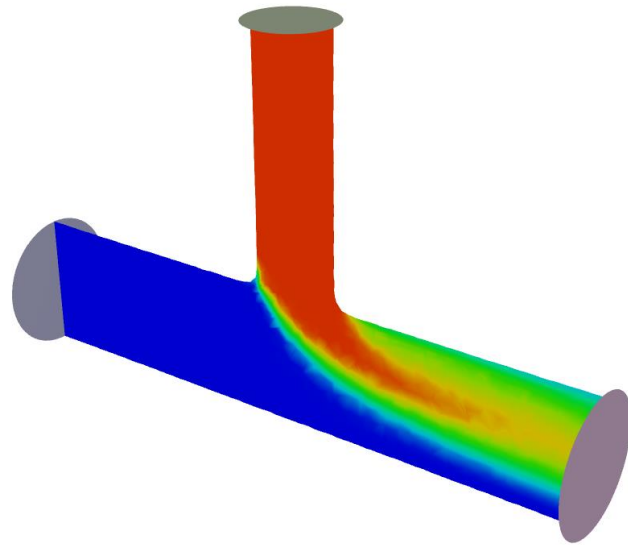


Pressure (Pa)

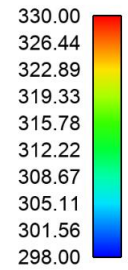


Cut-plane with contours of relative pressure

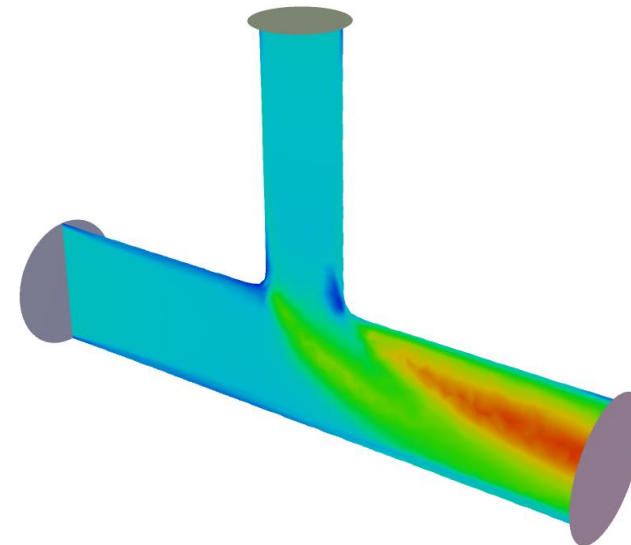
# Qualitative results



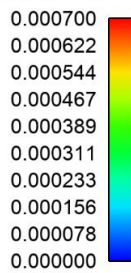
Temperature (K)



Cut-plane with contours of temperature

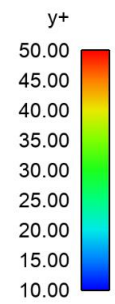
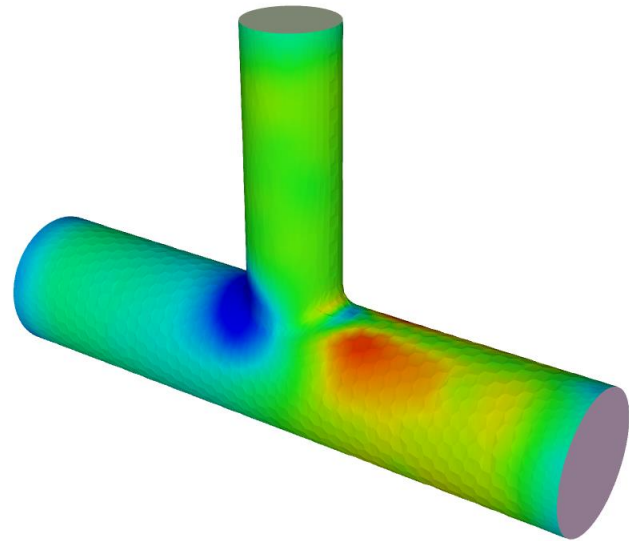


Turbulent viscosity (kg/m.s)

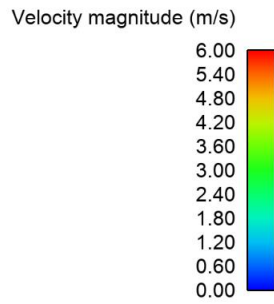
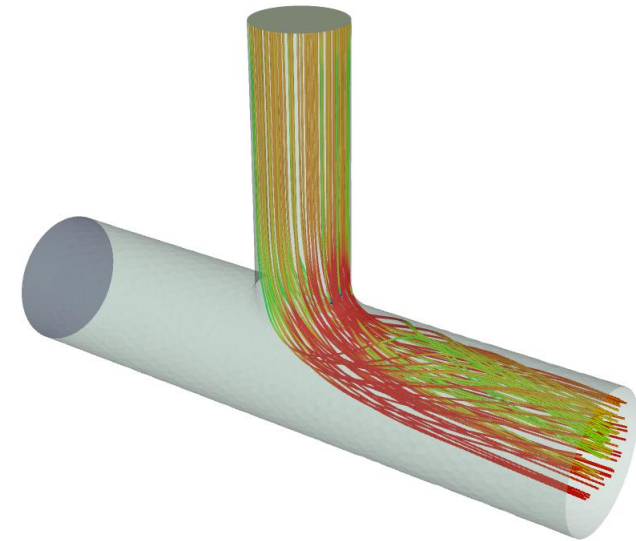


Cut-plane with contours of turbulent viscosity

# Qualitative results

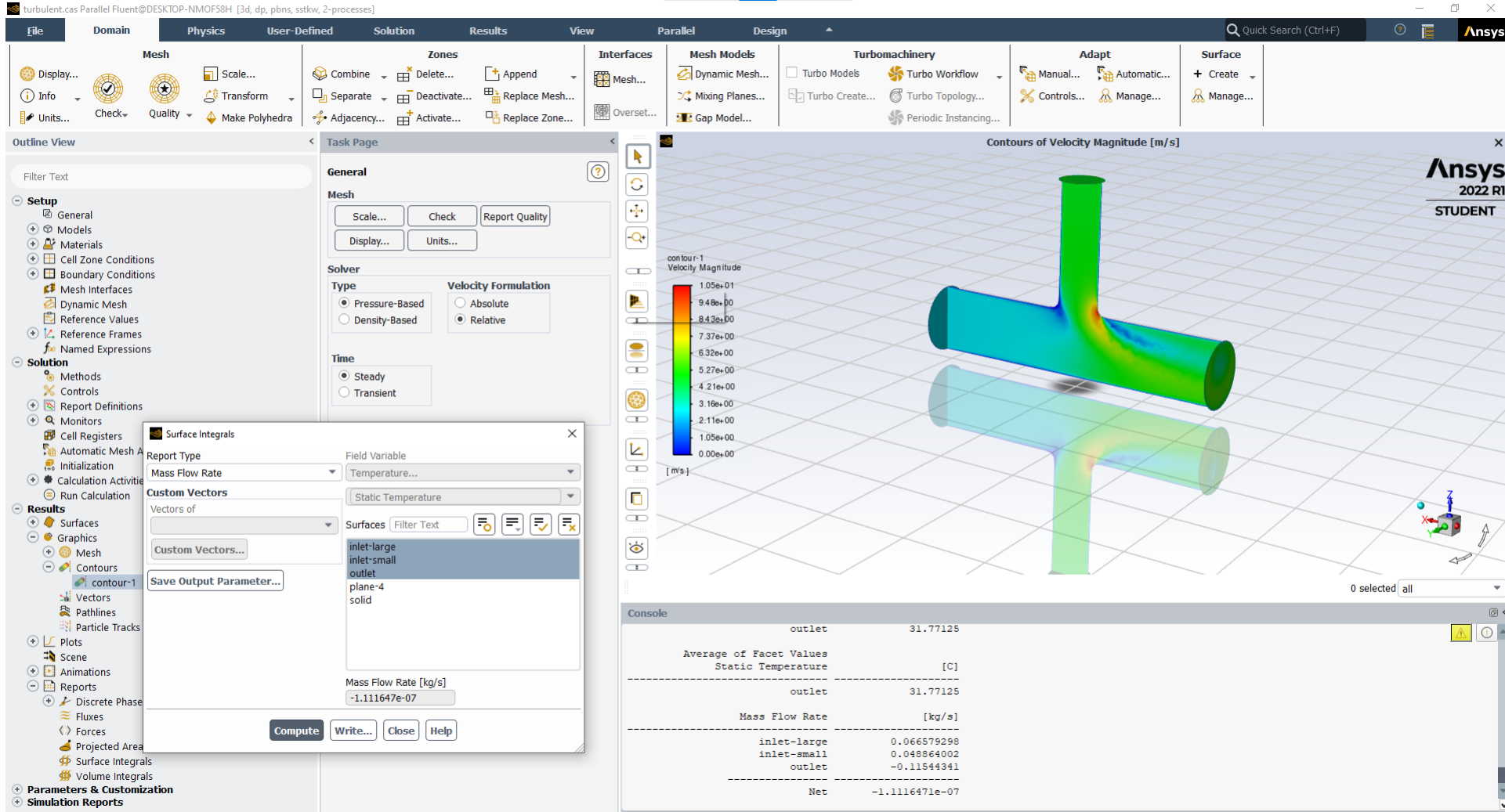


$y^+$  value at the wall



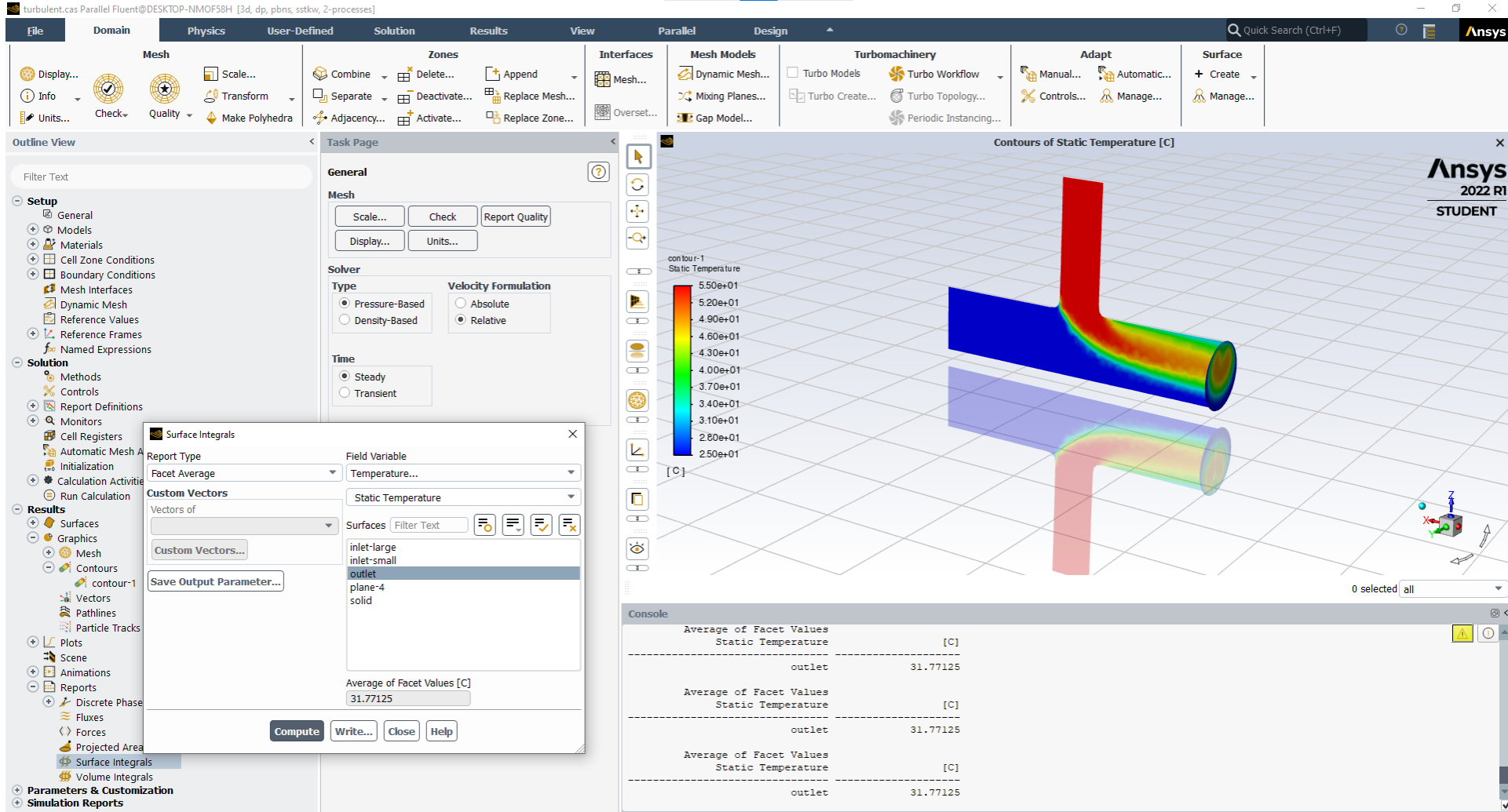
Streamlines released from one inlet surface and colored with velocity magnitude

# Quantitative results



Mass flow computation at the inlets and outlet surface boundaries

# Quantitative results



Average temperature at the outlet surface boundary